Pain 136 (2008) 448–451

PAIN

www.elsevier.com/locate/pain

Author Index to Volume 136 (2008)

Abrahamsen, R., Baad-Hansen, L., and Svensson, P., Hypnosis in the management of persistent idiopathic orofacial pain – Clinical and psychosocial findings, **136** 44
Abram, S.E., see Rigaud, M., **136** 188
Akrami, A., see Gavva, N.R., **136** 202
Alvarez, F., see Gavva, N.R., **136** 202
Arnold, L.M., see Russell, I.J., **136** 432
Asmundson, G.J.G., see Woods, M.P., **136** 271
Attal, N., see Bouhassira, D., **136** 380

Baad-Hansen, L., see Abrahamsen, R., **136** 44
Bak, A., see Gavva, N.R., **136** 202
Banfield, C., see Gavva, N.R., **136** 202
Barabas, M.-E., see Rigaud, M., **136** 188
Baxter, G.D., see Fullen, B.M., **136** 388
Beitz, A.J., see Lynch, J.L., **136** 293
Benedetti, F., see Colloca, L., **136** 211
Benhamou, D., Berti, M., Brodner, G., De Andres, J., Draisci, G., Moreno-Azcoita, M., Neugebauer, E.A.M., Schwenk, W., Torres, L.M., and Viel, E., Postoperative Analgesic THerapy Observational Survey (PATHOS): A practice pattern study in 7 Central/Southern European countries, **136** 134
Berti, M., see Benhamou, D., **136** 134
Birklein, F., see Prawitt, D., **136** 446
Bishop, A., see Foster, N.E., **136** 177
Blumenthal, J.A., see Pells, J.J., **136** 340
Bouhassira, D., Lantéri-Minet, M., Attal, N., Laurent, B., and Touboul, C., Prevalence of chronic pain with neuropathic characteristics in the general population, **136** 380
Boyer, M., see Dufton, L.M., **136** 38
Brodner, G., see Benhamou, D., **136** 134
Bureau, Y., see Owen, D.G., **136** 85
Bürger, A., see Müller, U., **136** 62
Bushnell, M.C., see Loggia, M.L., **136** 168

Caldwell, D.S., see Pells, J.J., **136** 340
Calixto, J.B., see Quintão, N.L.M., **136** 125
Calnan, M., see Palmer, K.T., **136** 30
Campbell, F., see Lynch, M.E., **136** 97
Campos, M.M., see Quintão, N.L.M., **136** 125
Caterina, M.J., On the thermoregulatory perils of TRPV1 antagonism, **136** 3
Chappell, A.S., see Russell, I.J., **136** 432
Chernoff, D.I., see Rigaud, M., **136** 188
Claar, R.L., see Logan, D.E., **136** 366
Clark, A.J., see Lynch, M.E., **136** 97
Clayton, B.A., see Hayashida, K.-i., **136** 348
Coggon, D., see Palmer, K.T., **136** 30
Colletti, R., see Dufton, L.M., **136** 38
Colloca, L., Sigaudo, M., and Benedetti, F., The role of learning in nocebo and placebo effects, **136** 211
Compas, B.E., see Dufton, L.M., **136** 38
Crispel, Y., see Granot, M., **136** 142
Crofford, L.J., Mease, P.J., Simpson, S.L., Young Jr., J.P., Martin, S.A., Haig, G.M., and Sharma, U., Fibromyalgia relapse evaluation and efficacy for durability of meaningful relief (FREEDOM): A 6-month, double-blind, placebo-controlled trial with pregabalin, **136** 419
Cruccu, G., see Truini, A., **136** 221
Crul, B.J.P., see Oosterhof, J., **136** 11
Czajkowski, N., see Nielsen, C.S., **136** 21

Daly, L., see Fullen, B.M., **136** 388
Darling, M., see Gavva, N.R., **136** 202
Davar, G., see Gavva, N.R., **136** 202
De Andres, J., see Benhamou, D., **136** 134
de Boo, T.M., see Oosterhof, J., **136** 11
De Vry, J., see van der Kam, E.L., **136** 373
Defazio, G., see Tinazzi, M., **136** 117
Del Vesco, C., see Tinazzi, M., **136** 117
Detke, M.J., see Russell, I.J., **136** 432
Dhond, R.P., Yeh, C., Park, K., Kettner, N., and Napadow, V., Acupuncture modulates resting state connectivity in default and sensorimotor brain networks, **136** 407
Diez, M., see Dominguez, C.A., **136** 313
Dijkgraaf, M.G.W., see Vranken, J.H., **136** 150
Dinnbier, M., see Sand, P.G., **136** 445
Dixon, K.E., see Pells, J.J., **136** 340
Domani, M., see Sand, P.G., **136** 445
Dominguez, C.A., Lidman, O., Hao, J.-X., Diez, M., Tuncel, J., Olsson, T., Wiesenfeld-Hallin, Z., Piehl, F., and Xu, X.-J., Genetic analysis of neuropathic pain-like behavior following peripheral nerve injury suggests a role of the major histocompatibility complex in development of allodynia, **136** 313
Doody, C., see Fullen, B.M., **136** 388
Draisci, G., see Benhamou, D., **136** 134
Dufton, L.M., Konik, B., Colletti, R., Stanger, C., Boyer, M., Morrow, S., and Compas, B.E., Effects of stress on pain threshold and tolerance in children with recurrent abdominal pain, **136** 38
Dunbar, M.J., see Lynch, M.E., **136** 97
Dupuis, A., see Stinson, J.N., **136** 281

Eisenach, J.C., see Hayashida, K.-i., **136** 348
Engström, L.-M., see Sundblad, G.B., **136** 239
Ericson, M.E., see Lynch, J.L., **136** 293

Fang, L., see Gavva, N.R., **136** 202
Feldman, B.M., see Stinson, J.N., **136** 281
Fiaschi, A., see Tinazzi, M., **136** 117
Filitz, J., Ihmsen, H., Günther, W., Tröster, A., Schwilden, H., Schüttler, J., and Koppert, W., Supra-additive effects of tramadol and acetaminophen in a human pain model, **136** 262
Fillingim, R.B., see George, S.Z., **136** 53

doi:10.1016/S0304-3959(08)00224-8

Fincati, E., see Tinazzi, M., **136** 117
Flor, H., see Hermann, C., **136** 397
Foster, N.E., Bishop, A., Thomas, E., Main, C., Horne, R., Weinman, J., and Hay, E., Illness perceptions of low back pain patients in primary care: What are they, do they change and are they associated with outcome?, **136** 177
Fujii, K., see Oono, Y., **136** 356
Fullen, B.M., Baxter, G.D., O'Donovan, B.G.G., Doody, C., Daly, L., and Hurley, D.A., Doctors' attitudes and beliefs regarding acute low back pain management: A systematic review, **136** 388

Galeotti, F., see Truini, A., **136** 221
Gallus, N.J., see Lynch, J.L., **136** 293
Garami, A., see Gavva, N.R., **136** 202
Garcia-Larrea, L., see Truini, A., **136** 221
Gavva, N.R., Treanor, J.J.S., Garami, A., Fang, L., Surapaneni, S., Akrami, A., Alvarez, F., Bak, A., Darling, M., Gore, A., Jang, G.R., Kesslak, J.P., Ni, L., Norman, M.H., Palluconi, G., Rose, M.J., Salfi, M., Tan, E., Romanovsky, A.A., Banfield, C., and Davar, G., Pharmacological blockade of the vanilloid receptor TRPV1 elicits marked hyperthermia in humans, **136** 202
Gebhart, G.F., see Tillu, D.V., **136** 331
Gemes, G., see Rigaud, M., **136** 188
George, S.Z., Wallace, M.R., Wright, T.W., Moser, M.W., Greenfield III, W.H., Sack, B.K., Herbstman, D.M., and Fillingim, R.B., Evidence for a biopsychosocial influence on shoulder pain: Pain catastrophizing and catechol-*O*-methyltransferase (COMT) diplotype predict clinical pain ratings, **136** 53
Giannopoulos, S., Kosmidou, M., and Kyritsis, A.P., Patient compliance with neuropathic pain treatment, **136** 447
Gill, N., see Stinson, J.N., **136** 281
Goldstein, D., see Lynch, M.E., **136** 97
Gordon, A.G., Vestibular remapping of the central body schema – A shocking story of pain reduction, **136** 223
Gore, A., see Gavva, N.R., **136** 202
Granot, M., Weissman-Fogel, I., Crispel, Y., Pud, D., Granovsky, Y., Sprecher, E., and Yarnitsky, D., Determinants of endogenous analgesia magnitude in a diffuse noxious inhibitory control (DNIC) paradigm: Do conditioning stimulus painfulness, gender and personality variables matter?, **136** 142
Granovsky, Y., see Granot, M., **136** 142
Green, C.R., see Poleshuck, E.L., **136** 235
Greenfield III, W.H., see George, S.Z., **136** 53
Günther, W., see Filitz, J., **136** 262

Haig, G.M., see Crofford, L.J., **136** 419
Hao, J.-X., see Dominguez, C.A., **136** 313
Harris, J.R., see Nielsen, C.S., **136** 21
Hay, E., see Foster, N.E., **136** 177
Hayashida, K.-i., Clayton, B.A., Johnson, J.E., and Eisenach, J.C., Brain derived nerve growth factor induces spinal noradrenergic fiber sprouting and enhances clonidine analgesia following nerve injury in rats, **136** 348
Headley, P.M., see Simpson, D.A.A., **136** 305
Heesen, M., see Vranken, J.H., **136** 150
Herbstman, D.M., see George, S.Z., **136** 53
Hermann, C., Zohsel, K., Hohmeister, J., and Flor, H., Cortical correlates of an attentional bias to painful and innocuous somatic stimuli in children with recurrent abdominal pain, **136** 397
Hogan, Q.H., see Rigaud, M., **136** 188
Hohmeister, J., see Hermann, C., **136** 397
Hollmann, M.W., see Vranken, J.H., **136** 150
Horne, R., see Foster, N.E., **136** 177
Hurley, D.A., see Fullen, B.M., **136** 388

Iannetti, G.D., see Mouraux, A., **136** 219
Ihmsen, H., see Filitz, J., **136** 262

Jang, G.R., see Gavva, N.R., **136** 202
Jansson, A., see Sundblad, G.B., **136** 239
Johnson, J.E., see Hayashida, K.-i., **136** 348
Jüni, P., see Müller, U., **136** 62

Kajdasz, D.K., see Russell, I.J., **136** 432
Karl, A., see Sand, P.G., **136** 445
Keefe, F.J., see Pells, J.J., **136** 340
Kesslak, J.P., see Gavva, N.R., **136** 202
Kettner, N., see Dhond, R.P., **136** 407
Kolaj, M., see Youn, D.-h., **136** 158
Konik, B., see Dufton, L.M., **136** 38
Konstandin, N., see Sand, P.G., **136** 445
Koppert, W., see Filitz, J., **136** 262
Korte, G., see Sand, P.G., **136** 445
Kosmidou, M., see Giannopoulos, S., **136** 447
Kovács, K.J., Papic, J.C., and Larson, A.A., Movement-evoked hyperalgesia induced by lipopolysaccharides is not suppressed by glucocorticoids, **136** 75
Kraus, V.B., see Pells, J.J., **136** 340
Kruis, M.R., see Vranken, J.H., **136** 150
Kyritsis, A.P., see Giannopoulos, S., **136** 447

LaCaille, L., see Pells, J.J., **136** 340
Lantéri-Minet, M., see Bouhassira, D., **136** 380
Larson, A.A., see Kovács, K.J., **136** 75
Laurent, B., see Bouhassira, D., **136** 380
Le Pera, D., see Tinazzi, M., **136** 117
Lidman, O., see Dominguez, C.A., **136** 313
Linaker, C., see Palmer, K.T., **136** 30
Logan, D.E., Claar, R.L., and Scharff, L., Social desirability response bias and self-report of psychological distress in pediatric chronic pain patients, **136** 366
Loggia, M.L., Mogil, J.S., and Bushnell, M.C., Empathy hurts: Compassion for another increases both sensory and affective components of pain perception, **136** 168
Lumb, B.M., see Simpson, D.A.A., **136** 305
Lynch, J.L., Gallus, N.J., Ericson, M.E., and Beitz, A.J., Analysis of nociception, sex and peripheral nerve innervation in the TMEV animal model of multiple sclerosis, **136** 293
Lynch, M.E., Campbell, F., Clark, A.J., Dunbar, M.J., Goldstein, D., Peng, P., Stinson, J., and Tupper, H., A systematic review of the effect of waiting for treatment for chronic pain, **136** 97

Macfarlane, G.J., Changing patient perceptions of their illness: Can they contribute to an improved outcome for episodes of musculoskeletal pain?, **136** 1
Mahoney, J.L., see Schepers, R.J.-F., **136** 320
Main, C., see Foster, N.E., **136** 177
Markman, J.D., *Not so fast*: The reformulation of fentanyl and breakthrough chronic non-cancer pain, **136** 227
Martin, S.A., see Crofford, L.J., **136** 419
Maynard, L.J., see Rhudy, J.L., **136** 250
McCabe, K.M., see Rhudy, J.L., **136** 250
McGrath, P.J., see Stinson, J.N., **136** 281
Mease, P.J., see Crofford, L.J., **136** 419
Mease, P.J., see Russell, I.J., **136** 432
Mogil, J.S., see Loggia, M.L., **136** 168
Moreno-Azcoita, M., see Benhamou, D., **136** 134
Moretto, G., see Tinazzi, M., **136** 117
Morrow, S., see Dufton, L.M., **136** 38
Moser, M.W., see George, S.Z., **136** 53
Motohashi, K., see Oono, Y., **136** 356
Mouraux, A., and Iannetti, G.D., A review of the evidence against the "first come first served" hypothesis. Comment on Truini et al. [Pain 2007;131:343–7], **136** 219

Müller, U., Tänzler, K., Bürger, A., Staub, L., Tamcan, Ö., Roeder, C., Jüni, P., and Trelle, S., A pain assessment scale for population-based studies: Development and validation of the Pain Module of the Standard Evaluation Questionnaire, **136** 62

Napadow, V., see Dhond, R.P., **136** 407
Neugebauer, E.A.M., see Benhamou, D., **136** 134
Ni, L., see Gavva, N.R., **136** 202
Nielsen, C.S., Stubhaug, A., Price, D.D., Vassend, O., Czajkowski, N., and Harris, J.R., Individual differences in pain sensitivity: Genetic and environmental contributions, **136** 21
Norman, M.H., see Gavva, N.R., **136** 202

Olsson, T., see Dominguez, C.A., **136** 313
Oono, Y., Fujii, K., Motohashi, K., and Umino, M., Diffuse noxious inhibitory controls triggered by heterotopic CO_2 laser conditioning stimulation decreased the SEP amplitudes induced by electrical tooth stimulation with different intensity at an equally inhibitory rate, **136** 356
Oostendorp, R.A.B., see Oosterhof, J., **136** 11
Oosterhof, J., Samwel, H.J.A., de Boo, T.M., Wilder-Smith, O.H.G., Oostendorp, R.A.B., and Crul, B.J.P., Predicting outcome of TENS in chronic pain: A prospective, randomized, placebo controlled trial, **136** 11
O'Donovan, B.G.G., see Fullen, B.M., **136** 388
Owen, D.G., Bureau, Y., Thomas, A.W., Prato, F.S., and St. Lawrence, K.S., Quantification of pain-induced changes in cerebral blood flow by perfusion MRI, **136** 85

Palluconi, G., see Gavva, N.R., **136** 202
Palmer, K.T., Reading, I., Linaker, C., Calnan, M., and Coggon, D., Population-based cohort study of incident and persistent arm pain: Role of mental health, self-rated health and health beliefs, **136** 30
Papic, J.C., see Kovács, K.J., **136** 75
Park, K., see Dhond, R.P., **136** 407
Pells, J.J., Shelby, R.A., Keefe, F.J., Dixon, K.E., Blumenthal, J.A., LaCaille, L., Tucker, J.M., Schmitt, D., Caldwell, D.S., and Kraus, V.B., Arthritis self-efficacy and self-efficacy for resisting eating: Relationships to pain, disability, and eating behavior in overweight and obese individuals with osteoarthritic knee pain, **136** 340
Peng, P., see Lynch, M.E., **136** 97
Petrovic, P., Placebo analgesia and nocebo hyperalgesia – Two sides of the same coin?, **136** 5
Petroz, G.C., see Stinson, J.N., **136** 281
Piehl, F., see Dominguez, C.A., **136** 313
Poleshuck, E.L., and Green, C.R., Socioeconomic disadvantage and pain, **136** 235
Prato, F.S., see Owen, D.G., **136** 85
Prawitt, D., and Birklein, F., Authors' response to "Alternatively spliced human catechol-*O*-methyltransferase (COMT) rationalizes lack of Val158Met effects on pain tolerance", **136** 446
Price, D.D., see Nielsen, C.S., **136** 21
Price, D.D., see Staud, R., **136** 232
Pud, D., see Granot, M., **136** 142

Quintão, N.L.M., Santos, A.R.S., Campos, M.M., and Calixto, J.B., The role of neurotrophic factors in genesis and maintenance of mechanical hypernociception after brachial plexus avulsion in mice, **136** 125

Randić, M., see Youn, D.-h., **136** 158
Reading, I., see Palmer, K.T., **136** 30
Renström, P., see Sundblad, G.B., **136** 239
Rhudy, J.L., Williams, A.E., McCabe, K.M., Russell, J.L., and Maynard, L.J., Emotional control of nociceptive reactions (ECON): Do affective valence and arousal play a role?, **136** 250
Rigaud, M., Gemes, G., Barabas, M.-E., Chernoff, D.I., Abram, S.E., Stucky, C.L., and Hogan, Q.H., Species and strain differences in rodent sciatic nerve anatomy: Implications for studies of neuropathic pain, **136** 188
Roeder, C., see Müller, U., **136** 62
Romanovsky, A.A., see Gavva, N.R., **136** 202
Rose, M.J., see Gavva, N.R., **136** 202
Royle, G., see Youn, D.-h., **136** 158
Russell, I.J., Mease, P.J., Smith, T.R., Kajdasz, D.K., Wohlreich, M.M., Detke, M.J., Walker, D.J., Chappell, A.S., and Arnold, L.M., Efficacy and safety of duloxetine for treatment of fibromyalgia in patients with or without major depressive disorder: Results from a 6-month, randomized, double-blind, placebo-controlled, fixed-dose trial, **136** 432
Russell, J.L., see Rhudy, J.L., **136** 250

Saartok, T., see Sundblad, G.B., **136** 239
Sack, B.K., see George, S.Z., **136** 53
Salfi, M., see Gavva, N.R., **136** 202
Samwel, H.J.A., see Oosterhof, J., **136** 11
Sand, P.G., Korte, G., Domani, M., Konstandin, N., Karl, A., Wagner, K., and Dinnbier, M., Alternatively spliced human catechol-*O*-methyltransferase (*COMT*) rationalizes lack of Val158Met effects on pain tolerance, **136** 445
Santos, A.R.S., see Quintão, N.L.M., **136** 125
Scharff, L., see Logan, D.E., **136** 366
Schepers, R.J.-F., Mahoney, J.L., and Shippenberg, T.S., Inflammation-induced changes in rostral ventromedial medulla mu and kappa opioid receptor mediated antinociception, **136** 320
Schiene, K., see van der Kam, E.L., **136** 373
Schmitt, D., see Pells, J.J., **136** 340
Schüttler, J., see Filitz, J., **136** 262
Schwenk, W., see Benhamou, D., **136** 134
Schwilden, H., see Filitz, J., **136** 262
Seminowicz, D.A., Acupuncture and the CNS: What can the brain at rest suggest?, **136** 230
Sharma, U., see Crofford, L.J., **136** 419
Shelby, R.A., see Pells, J.J., **136** 340
Shippenberg, T.S., see Schepers, R.J.-F., **136** 320
Sigaudo, M., see Colloca, L., **136** 211
Simpson, D.A.A., Headley, P.M., and Lumb, B.M., Selective inhibition from the anterior hypothalamus of C- versus A-fibre mediated spinal nociception, **136** 305
Simpson, S.L., see Crofford, L.J., **136** 419
Sluka, K.A., see Tillu, D.V., **136** 331
Smania, N., see Tinazzi, M., **136** 117
Smith, T.R., see Russell, I.J., **136** 432
Sprecher, E., see Granot, M., **136** 142
St. Lawrence, K.S., see Owen, D.G., **136** 85
Stanger, C., see Dufton, L.M., **136** 38
Staub, L., see Müller, U., **136** 62
Staud, R., and Price, D.D., Long-term trials of pregabalin and duloxetine for fibromyalgia symptoms: How study designs can affect placebo factors, **136** 232
Stevens, B.J., see Stinson, J.N., **136** 281
Stinson, J., see Lynch, M.E., **136** 97
Stinson, J.N., Stevens, B.J., Feldman, B.M., Streiner, D., McGrath, P.J., Dupuis, A., Gill, N., and Petroz, G.C., Construct validity of a multidimensional electronic pain diary for adolescents with arthritis, **136** 281
Streiner, D., see Stinson, J.N., **136** 281
Stubhaug, A., see Nielsen, C.S., **136** 21
Stucky, C.L., see Rigaud, M., **136** 188
Sundblad, G.B., Jansson, A., Saartok, T., Renström, P., and Engström, L.-M., Self-rated pain and perceived health in relation to stress and physical activity among school-students: A 3-year follow-up, **136** 239

Surapaneni, S., see Gavva, N.R., **136** 202
Svensson, P., see Abrahamsen, R., **136** 44

Tamcan, Ö., see Müller, U., **136** 62
Tan, E., see Gavva, N.R., **136** 202
Tänzler, K., see Müller, U., **136** 62
Thomas, A.W., see Owen, D.G., **136** 85
Thomas, E., see Foster, N.E., **136** 177
Tillu, D.V., Gebhart, G.F., and Sluka, K.A., Descending facilitatory pathways from the RVM initiate and maintain bilateral hyperalgesia after muscle insult, **136** 331
Tinazzi, M., Del Vesco, C., Defazio, G., Fincati, E., Smania, N., Moretto, G., Fiaschi, A., Le Pera, D., and Valeriani, M., Abnormal processing of the nociceptive input in Parkinson's disease: A study with CO_2 laser evoked potentials, **136** 117
Torres, L.M., see Benhamou, D., **136** 134
Touboul, C., see Bouhassira, D., **136** 380
Treanor, J.J.S., see Gavva, N.R., **136** 202
Trelle, S., see Müller, U., **136** 62
Tröster, A., see Filitz, J., **136** 262
Truini, A., Galeotti, F., Cruccu, G., and Garcia-Larrea, L., Clarifying methods of Truini et al. [Pain 2007;131:343–7] and proposing further evidence supporting the "first come first served" hypothesis: A reply to Mouraux and Iannetti, **136** 221
Tucker, J.M., see Pells, J.J., **136** 340
Tuncel, J., see Dominguez, C.A., **136** 313
Tupper, H., see Lynch, M.E., **136** 97
Tzschentke, T.M., see van der Kam, E.L., **136** 373

Umino, M., see Oono, Y., **136** 356

Valeriani, M., see Tinazzi, M., **136** 117
van der Kam, E.L., De Vry, J., Schiene, K., and Tzschentke, T.M., Differential effects of morphine on the affective and the sensory component of carrageenan-induced nociception in the rat, **136** 373
van der Vegt, M.H., see Vranken, J.H., **136** 150
Vassend, O., see Nielsen, C.S., **136** 21
Viel, E., see Benhamou, D., **136** 134
Vissel, B., see Youn, D.-h., **136** 158
Vranken, J.H., Dijkgraaf, M.G.W., Kruis, M.R., van der Vegt, M.H., Hollmann, M.W., and Heesen, M., Pregabalin in patients with central neuropathic pain: A randomized, double-blind, placebo-controlled trial of a flexible-dose regimen, **136** 150

Wagner, K., see Sand, P.G., **136** 445
Walker, D.J., see Russell, I.J., **136** 432
Wallace, M.R., see George, S.Z., **136** 53
Weinman, J., see Foster, N.E., **136** 177
Weissman-Fogel, I., see Granot, M., **136** 142
Wiesenfeld-Hallin, Z., see Dominguez, C.A., **136** 313
Wilder-Smith, O.H.G., see Oosterhof, J., **136** 11
Wiley, R.G., Substance P receptor-expressing dorsal horn neurons: Lessons from the targeted cytotoxin, substance P-saporin, **136** 7
Williams, A.E., see Rhudy, J.L., **136** 250
Wohlreich, M.M., see Russell, I.J., **136** 432
Woods, M.P., and Asmundson, G.J.G., Evaluating the efficacy of graded *in vivo* exposure for the treatment of fear in patients with chronic back pain: A randomized controlled clinical trial, **136** 271
Wright, T.W., see George, S.Z., **136** 53

Xu, X.-J., see Dominguez, C.A., **136** 313

Yarnitsky, D., see Granot, M., **136** 142
Yeh, C., see Dhond, R.P., **136** 407
Youn, D.-h., Royle, G., Kolaj, M., Vissel, B., and Randić, M., Enhanced LTP of primary afferent neurotransmission in AMPA receptor GluR2-deficient mice, **136** 158
Young Jr., J.P., see Crofford, L.J., **136** 419

Zohsel, K., see Hermann, C., **136** 397

Pain 136 (2008) 452–458

PAIN

www.elsevier.com/locate/pain

Subject Index to Volume 136 (2008)

Aδ-fiber
Diffuse noxious inhibitory controls triggered by heterotopic CO_2 laser conditioning stimulation decreased the SEP amplitudes induced by electrical tooth stimulation with different intensity at an equally inhibitory rate, **136**, 356
Abdominal pain
Self-rated pain and perceived health in relation to stress and physical activity among school-students: A 3-year follow-up, **136**, 239
Adolescent
Construct validity of a multidimensional electronic pain diary for adolescents with arthritis, **136**, 281
Adolescent
Social desirability response bias and self-report of psychological distress in pediatric chronic pain patients, **136**, 366
Affect
Emotional control of nociceptive reactions (ECON): Do affective valence and arousal play a role?, **136**, 250
Allodynia
The role of learning in nocebo and placebo effects, **136**, 211
Alternative
Acupuncture modulates resting state connectivity in default and sensorimotor brain networks, **136**, 407
Anterior hypothalamus
Selective inhibition from the anterior hypothalamus of C- versus A-fibre mediated spinal nociception, **136**, 305
Anxiety
Social desirability response bias and self-report of psychological distress in pediatric chronic pain patients, **136**, 366
Arterial spin labeling
Quantification of pain-induced changes in cerebral blood flow by perfusion MRI, **136**, 85
Attentional bias
Cortical correlates of an attentional bias to painful and innocuous somatic stimuli in children with recurrent abdominal pain, **136**, 397
BDNF
Brain derived nerve growth factor induces spinal noradrenergic fiber sprouting and enhances clonidine analgesia following nerve injury in rats, **136**, 348
Behavioral genetics
Individual differences in pain sensitivity: Genetic and environmental contributions, **136**, 21
Benchmarks
A systematic review of the effect of waiting for treatment for chronic pain, **136**, 97
Biopsychosocial model
Evidence for a biopsychosocial influence on shoulder pain: Pain catastrophizing and catechol-*O*-methyltransferase (COMT) diplotype predict clinical pain ratings, **136**, 53
Ca^{2+}-permeable-AMPA receptor
Enhanced LTP of primary afferent neurotransmission in AMPA receptor GluR2-deficient mice, **136**, 158
Catastrophizing
Hypnosis in the management of persistent idiopathic orofacial pain – Clinical and psychosocial findings, **136**, 44
Catechol-*O*-methyltransferase (COMT)
Evidence for a biopsychosocial influence on shoulder pain: Pain catastrophizing and catechol-*O*-methyltransferase (COMT) diplotype predict clinical pain ratings, **136**, 53
Central neuropathic pain
Pregabalin in patients with central neuropathic pain: A randomized, double-blind, placebo-controlled trial of a flexible-dose regimen, **136**, 150
Cerebral blood flow
Quantification of pain-induced changes in cerebral blood flow by perfusion MRI, **136**, 85
CGRP
Analysis of nociception, sex and peripheral nerve innervation in the TMEV animal model of multiple sclerosis, **136**, 293
Child
Social desirability response bias and self-report of psychological distress in pediatric chronic pain patients, **136**, 366
Children
Effects of stress on pain threshold and tolerance in children with recurrent abdominal pain, **136**, 38
Chronic pain
A systematic review of the effect of waiting for treatment for chronic pain, **136**, 97
Chronic pain
Evidence for a biopsychosocial influence on shoulder pain: Pain catastrophizing and catechol-*O*-methyltransferase (COMT) diplotype predict clinical pain ratings, **136**, 53
Chronic pain
Hypnosis in the management of persistent idiopathic orofacial pain – Clinical and psychosocial findings, **136**, 44
Chronic pain
Predicting outcome of TENS in chronic pain: A prospective, randomized, placebo controlled trial, **136**, 11
Chronic pain
Evaluating the efficacy of graded *in vivo* exposure for the treatment of fear in patients with chronic back pain: A randomized controlled clinical trial, **136**, 271
Chronic pain
Prevalence of chronic pain with neuropathic characteristics in the general population, **136**, 380
Chronic Pain
Social desirability response bias and self-report of psychological distress in pediatric chronic pain patients, **136**, 366

doi:10.1016/S0304-3959(08)00225-X

CO_2 laser evoked potentials
Abnormal processing of the nociceptive input in Parkinson's disease: A study with CO_2 laser evoked potentials, **136**, 117
Cognitions
Illness perceptions of low back pain patients in primary care: What are they, do they change and are they associated with outcome?, **136**, 177
Cohort
Population-based cohort study of incident and persistent arm pain: Role of mental health, self-rated health and health beliefs, **136**, 30
Cold pressor
Effects of stress on pain threshold and tolerance in children with recurrent abdominal pain, **136**, 38
Complementary medicine
Acupuncture modulates resting state connectivity in default and sensorimotor brain networks, **136**, 407
Complete Freund's adjuvant
Inflammation-induced changes in rostral ventromedial medulla mu and kappa opioid receptor mediated antinociception, **136**, 320
Conditioned place aversion (CPA)
Differential effects of morphine on the affective and the sensory component of carrageenan-induced nociception in the rat, **136**, 373
Conditioned place preference (CPP)
Differential effects of morphine on the affective and the sensory component of carrageenan-induced nociception in the rat, **136**, 373
Conditioning
The role of learning in nocebo and placebo effects, **136**, 211
Congenic
Genetic analysis of neuropathic pain-like behavior following peripheral nerve injury suggests a role of the major histocompatibility complex in development of allodynia, **136**, 313
Coping strategies
Hypnosis in the management of persistent idiopathic orofacial pain – Clinical and psychosocial findings, **136**, 44
Corticosterone
Movement-evoked hyperalgesia induced by lipopolysaccharides is not suppressed by glucocorticoids, **136**, 75
Dental pain
Pharmacological blockade of the vanilloid receptor TRPV1 elicits marked hyperthermia in humans, **136**, 202
Depression
Social desirability response bias and self-report of psychological distress in pediatric chronic pain patients, **136**, 366
Descending control
Selective inhibition from the anterior hypothalamus of C- versus A-fibre mediated spinal nociception, **136**, 305
Descending modulation
Inflammation-induced changes in rostral ventromedial medulla mu and kappa opioid receptor mediated antinociception, **136**, 320
Diffuse noxious inhibitory controls (DNIC) effect
Diffuse noxious inhibitory controls triggered by heterotopic CO_2 laser conditioning stimulation decreased the SEP amplitudes induced by electrical tooth stimulation with different intensity at an equally inhibitory rate, **136**, 356
Diplotypes
Evidence for a biopsychosocial influence on shoulder pain: Pain catastrophizing and catechol-*O*-methyltransferase (COMT) diplotype predict clinical pain ratings, **136**, 53
Disability
Arthritis self-efficacy and self-efficacy for resisting eating: Relationships to pain, disability, and eating behavior in overweight and obese individuals with osteoarthritic knee pain, **136**, 340
DNIC
Determinants of endogenous analgesia magnitude in a diffuse noxious inhibitory control (DNIC) paradigm: Do conditioning stimulus painfulness, gender and personality variables matter?, **136**, 142
Doctors' attitudes and beliefs
Doctors' attitudes and beliefs regarding acute low back pain management: A systematic review, **136**, 388
Dorsal root ganglion
Species and strain differences in rodent sciatic nerve anatomy: Implications for studies of neuropathic pain, **136**, 188
Double-blind randomized controlled trial
Predicting outcome of TENS in chronic pain: A prospective, randomized, placebo controlled trial, **136**, 11
Duloxetine
Efficacy and safety of duloxetine for treatment of fibromyalgia in patients with or without major depressive disorder: Results from a 6-month, randomized, double-blind, placebo-controlled, fixed-dose trial, **136**, 432
Efficacy and safety
Efficacy and safety of duloxetine for treatment of fibromyalgia in patients with or without major depressive disorder: Results from a 6-month, randomized, double-blind, placebo-controlled, fixed-dose trial, **136**, 432
Electrical tooth stimulation
Diffuse noxious inhibitory controls triggered by heterotopic CO_2 laser conditioning stimulation decreased the SEP amplitudes induced by electrical tooth stimulation with different intensity at an equally inhibitory rate, **136**, 356
Electronic diary
Construct validity of a multidimensional electronic pain diary for adolescents with arthritis, **136**, 281
Emotions
Empathy hurts: Compassion for another increases both sensory and affective components of pain perception, **136**, 168
Empathy
Empathy hurts: Compassion for another increases both sensory and affective components of pain perception, **136**, 168
Endogenous analgesia
Determinants of endogenous analgesia magnitude in a diffuse noxious inhibitory control (DNIC) paradigm: Do conditioning stimulus painfulness, gender and personality variables matter?, **136**, 142
Endotoxemia
Movement-evoked hyperalgesia induced by lipopolysaccharides is not suppressed by glucocorticoids, **136**, 75
e-Ouch©
Construct validity of a multidimensional electronic pain diary for adolescents with arthritis, **136**, 281
Epidemiology
Prevalence of chronic pain with neuropathic characteristics in the general population, **136**, 380
Epidermal nerve density
Analysis of nociception, sex and peripheral nerve innervation in the TMEV animal model of multiple sclerosis, **136**, 293
Europe
Postoperative Analgesic THerapy Observational Survey (PATHOS): A practice pattern study in 7 Central/Southern European countries, **136**, 134
Expectation
The role of learning in nocebo and placebo effects, **136**, 211
Experimental pain
Supra-additive effects of tramadol and acetaminophen in a human pain model, **136**, 262
Explanatory factors
Self-rated pain and perceived health in relation to stress and physical activity among school-students: A 3-year follow-up, **136**, 239
Facilitation
Descending facilitatory pathways from the RVM initiate and maintain bilateral hyperalgesia after muscle insult, **136**, 331

Factor analysis
A pain assessment scale for population-based studies: Development and validation of the Pain Module of the Standard Evaluation Questionnaire, **136**, 62
Fear
Evaluating the efficacy of graded *in vivo* exposure for the treatment of fear in patients with chronic back pain: A randomized controlled clinical trial, **136**, 271
Fibromyalgia
Efficacy and safety of duloxetine for treatment of fibromyalgia in patients with or without major depressive disorder: Results from a 6-month, randomized, double-blind, placebo-controlled, fixed-dose trial, **136**, 432
Fibromyalgia
Fibromyalgia relapse evaluation and efficacy for durability of meaningful relief (FREEDOM): A 6-month, double-blind, placebo-controlled trial with pregabalin, **136**, 419
Functional magnetic resonance imaging
Quantification of pain-induced changes in cerebral blood flow by perfusion MRI, **136**, 85
Functional magnetic resonance imaging
Acupuncture modulates resting state connectivity in default and sensorimotor brain networks, **136**, 407
Gender
Determinants of endogenous analgesia magnitude in a diffuse noxious inhibitory control (DNIC) paradigm: Do conditioning stimulus painfulness, gender and personality variables matter?, **136**, 142
Genetic
Genetic analysis of neuropathic pain-like behavior following peripheral nerve injury suggests a role of the major histocompatibility complex in development of allodynia, **136**, 313
Genetics
Individual differences in pain sensitivity: Genetic and environmental contributions, **136**, 21
Gigantocellularis
Descending facilitatory pathways from the RVM initiate and maintain bilateral hyperalgesia after muscle insult, **136**, 331
Glucocorticoid
Movement-evoked hyperalgesia induced by lipopolysaccharides is not suppressed by glucocorticoids, **136**, 75
GluR2 knockout mice
Enhanced LTP of primary afferent neurotransmission in AMPA receptor GluR2-deficient mice, **136**, 158
Graded in vivo exposure
Evaluating the efficacy of graded *in vivo* exposure for the treatment of fear in patients with chronic back pain: A randomized controlled clinical trial, **136**, 271
Grip force
Movement-evoked hyperalgesia induced by lipopolysaccharides is not suppressed by glucocorticoids, **136**, 75
Headache
Self-rated pain and perceived health in relation to stress and physical activity among school-students: A 3-year follow-up, **136**, 239
Health outcomes
A systematic review of the effect of waiting for treatment for chronic pain, **136**, 97
Heart rate
Effects of stress on pain threshold and tolerance in children with recurrent abdominal pain, **136**, 38
Heart rate
Emotional control of nociceptive reactions (ECON): Do affective valence and arousal play a role?, **136**, 250
Heat
Empathy hurts: Compassion for another increases both sensory and affective components of pain perception, **136**, 168
Heritability
Individual differences in pain sensitivity: Genetic and environmental contributions, **136**, 21
Human
Empathy hurts: Compassion for another increases both sensory and affective components of pain perception, **136**, 168
Human
Pharmacological blockade of the vanilloid receptor TRPV1 elicits marked hyperthermia in humans, **136**, 202
Hyperalgesia
The role of learning in nocebo and placebo effects, **136**, 211
Hyperalgesia
Supra-additive effects of tramadol and acetaminophen in a human pain model, **136**, 262
Hypernociception
The role of neurotrophic factors in genesis and maintenance of mechanical hypernociception after brachial plexus avulsion in mice, **136**, 125
Hyperthermia
Pharmacological blockade of the vanilloid receptor TRPV1 elicits marked hyperthermia in humans, **136**, 202
Hypnotic susceptibility
Hypnosis in the management of persistent idiopathic orofacial pain – Clinical and psychosocial findings, **136**, 44
Hypnotic treatment
Hypnosis in the management of persistent idiopathic orofacial pain – Clinical and psychosocial findings, **136**, 44
Illness perceptions
Illness perceptions of low back pain patients in primary care: What are they, do they change and are they associated with outcome?, **136**, 177
Immune system
Genetic analysis of neuropathic pain-like behavior following peripheral nerve injury suggests a role of the major histocompatibility complex in development of allodynia, **136**, 313
Inbred strains
Genetic analysis of neuropathic pain-like behavior following peripheral nerve injury suggests a role of the major histocompatibility complex in development of allodynia, **136**, 313
Individual differences
Individual differences in pain sensitivity: Genetic and environmental contributions, **136**, 21
Inflammation
Inflammation-induced changes in rostral ventromedial medulla mu and kappa opioid receptor mediated antinociception, **136**, 320
Inflammatory pain
Differential effects of morphine on the affective and the sensory component of carrageenan-induced nociception in the rat, **136**, 373
Interaction of acetaminophen and tramadol
Supra-additive effects of tramadol and acetaminophen in a human pain model, **136**, 262
Isobologram
Supra-additive effects of tramadol and acetaminophen in a human pain model, **136**, 262
Juvenile idiopathic arthritis
Construct validity of a multidimensional electronic pain diary for adolescents with arthritis, **136**, 281
Kappa opioid receptor
Inflammation-induced changes in rostral ventromedial medulla mu and kappa opioid receptor mediated antinociception, **136**, 320
Laser conditioning stimulation
Diffuse noxious inhibitory controls triggered by heterotopic CO_2 laser conditioning stimulation decreased the SEP amplitudes induced by electrical tooth stimulation with different intensity at an equally inhibitory rate, **136**, 356
Learning
The role of learning in nocebo and placebo effects, **136**, 211

Limbic
Acupuncture modulates resting state connectivity in default and sensorimotor brain networks, **136**, 407
Low back pain
Illness perceptions of low back pain patients in primary care: What are they, do they change and are they associated with outcome?, **136**, 177
Low back pain
Doctors' attitudes and beliefs regarding acute low back pain management: A systematic review, **136**, 388
LTP
Enhanced LTP of primary afferent neurotransmission in AMPA receptor GluR2-deficient mice, **136**, 158
Mechanical allodynia
Analysis of nociception, sex and peripheral nerve innervation in the TMEV animal model of multiple sclerosis, **136**, 293
Medical education
Postoperative Analgesic THerapy Observational Survey (PATHOS): A practice pattern study in 7 Central/Southern European countries, **136**, 134
Mental health
Population-based cohort study of incident and persistent arm pain: Role of mental health, self-rated health and health beliefs, **136**, 30
MHC
Genetic analysis of neuropathic pain-like behavior following peripheral nerve injury suggests a role of the major histocompatibility complex in development of allodynia, **136**, 313
Mouse
Movement-evoked hyperalgesia induced by lipopolysaccharides is not suppressed by glucocorticoids, **136**, 75
Mouse brachial plexus
The role of neurotrophic factors in genesis and maintenance of mechanical hypernociception after brachial plexus avulsion in mice, **136**, 125
Mu opioid receptor
Inflammation-induced changes in rostral ventromedial medulla mu and kappa opioid receptor mediated antinociception, **136**, 320
Multimodal analgesia
Postoperative Analgesic THerapy Observational Survey (PATHOS): A practice pattern study in 7 Central/Southern European countries, **136**, 134
Multiple sclerosis
Analysis of nociception, sex and peripheral nerve innervation in the TMEV animal model of multiple sclerosis, **136**, 293
Musculoskeletal
Evaluating the efficacy of graded *in vivo* exposure for the treatment of fear in patients with chronic back pain: A randomized controlled clinical trial, **136**, 271
Musculoskeletal pain
Self-rated pain and perceived health in relation to stress and physical activity among school-students: A 3-year follow-up, **136**, 239
Myalgia
Movement-evoked hyperalgesia induced by lipopolysaccharides is not suppressed by glucocorticoids, **136**, 75
Neural activation
Quantification of pain-induced changes in cerebral blood flow by perfusion MRI, **136**, 85
Neuropathic pain
Species and strain differences in rodent sciatic nerve anatomy: Implications for studies of neuropathic pain, **136**, 188
Neuropathic pain
The role of neurotrophic factors in genesis and maintenance of mechanical hypernociception after brachial plexus avulsion in mice, **136**, 125
Neuropathic pain
Brain derived nerve growth factor induces spinal noradrenergic fiber sprouting and enhances clonidine analgesia following nerve injury in rats, **136**, 348
Neuropathic pain
Genetic analysis of neuropathic pain-like behavior following peripheral nerve injury suggests a role of the major histocompatibility complex in development of allodynia, **136**, 313
Neuropathic pain
Prevalence of chronic pain with neuropathic characteristics in the general population, **136**, 380
Neurotrophic factors
The role of neurotrophic factors in genesis and maintenance of mechanical hypernociception after brachial plexus avulsion in mice, **136**, 125
Nocebo
The role of learning in nocebo and placebo effects, **136**, 211
Nociception
Abnormal processing of the nociceptive input in Parkinson's disease: A study with CO_2 laser evoked potentials, **136**, 117
Nociception
Selective inhibition from the anterior hypothalamus of C- versus A-fibre mediated spinal nociception, **136**, 305
Nociceptive afferents
Selective inhibition from the anterior hypothalamus of C- versus A-fibre mediated spinal nociception, **136**, 305
Nociceptive flexion reflex
Emotional control of nociceptive reactions (ECON): Do affective valence and arousal play a role?, **136**, 250
Noradrenergic
Brain derived nerve growth factor induces spinal noradrenergic fiber sprouting and enhances clonidine analgesia following nerve injury in rats, **136**, 348
Occupational disability
Socioeconomic disadvantage and pain, **136**, 235
Opioids
Differential effects of morphine on the affective and the sensory component of carrageenan-induced nociception in the rat, **136**, 373
Osteoarthritis
Arthritis self-efficacy and self-efficacy for resisting eating: Relationships to pain, disability, and eating behavior in overweight and obese individuals with osteoarthritic knee pain, **136**, 340
Overweight
Arthritis self-efficacy and self-efficacy for resisting eating: Relationships to pain, disability, and eating behavior in overweight and obese individuals with osteoarthritic knee pain, **136**, 340
P3
Cortical correlates of an attentional bias to painful and innocuous somatic stimuli in children with recurrent abdominal pain, **136**, 397
Pain
A pain assessment scale for population-based studies: Development and validation of the Pain Module of the Standard Evaluation Questionnaire, **136**, 62
Pain
A systematic review of the effect of waiting for treatment for chronic pain, **136**, 97
Pain
Abnormal processing of the nociceptive input in Parkinson's disease: A study with CO_2 laser evoked potentials, **136**, 117
Pain
Acupuncture modulates resting state connectivity in default and sensorimotor brain networks, **136**, 407

Pain
Arthritis self-efficacy and self-efficacy for resisting eating: Relationships to pain, disability, and eating behavior in overweight and obese individuals with osteoarthritic knee pain, **136**, 340
Pain
Construct validity of a multidimensional electronic pain diary for adolescents with arthritis, **136**, 281
Pain
Descending facilitatory pathways from the RVM initiate and maintain bilateral hyperalgesia after muscle insult, **136**, 331
Pain
Empathy hurts: Compassion for another increases both sensory and affective components of pain perception, **136**, 168
Pain
Individual differences in pain sensitivity: Genetic and environmental contributions, **136**, 21
Pain
Socioeconomic disadvantage and pain, **136**, 235
Pain catastrophizing
Evidence for a biopsychosocial influence on shoulder pain: Pain catastrophizing and catechol-*O*-methyltransferase (COMT) diplotype predict clinical pain ratings, **136**, 53
Pain clinics
A systematic review of the effect of waiting for treatment for chronic pain, **136**, 97
Pain coping
Socioeconomic disadvantage and pain, **136**, 235
Pain diary
Hypnosis in the management of persistent idiopathic orofacial pain – Clinical and psychosocial findings, **136**, 44
Pain management
A systematic review of the effect of waiting for treatment for chronic pain, **136**, 97
Pain models
Species and strain differences in rodent sciatic nerve anatomy: Implications for studies of neuropathic pain, **136**, 188
Pain modulation
Determinants of endogenous analgesia magnitude in a diffuse noxious inhibitory control (DNIC) paradigm: Do conditioning stimulus painfulness, gender and personality variables matter?, **136**, 142
Pain modulation
Emotional control of nociceptive reactions (ECON): Do affective valence and arousal play a role?, **136**, 250
Pain perception
Emotional control of nociceptive reactions (ECON): Do affective valence and arousal play a role?, **136**, 250
Pain processing
Cortical correlates of an attentional bias to painful and innocuous somatic stimuli in children with recurrent abdominal pain, **136**, 397
Parkinson's disease
Abnormal processing of the nociceptive input in Parkinson's disease: A study with CO_2 laser evoked potentials, **136**, 117
Patient information
Postoperative Analgesic THerapy Observational Survey (PATHOS): A practice pattern study in 7 Central/Southern European countries, **136**, 134
Pediatric pain
Cortical correlates of an attentional bias to painful and innocuous somatic stimuli in children with recurrent abdominal pain, **136**, 397
Persistent idiopathic orofacial pain
Hypnosis in the management of persistent idiopathic orofacial pain – Clinical and psychosocial findings, **136**, 44
Personality
Determinants of endogenous analgesia magnitude in a diffuse noxious inhibitory control (DNIC) paradigm: Do conditioning stimulus painfulness, gender and personality variables matter?, **136**, 142
Pharmacodynamic modeling
Supra-additive effects of tramadol and acetaminophen in a human pain model, **136**, 262
Placebo
The role of learning in nocebo and placebo effects, **136**, 211
Postoperative pain
Postoperative Analgesic THerapy Observational Survey (PATHOS): A practice pattern study in 7 Central/Southern European countries, **136**, 134
Predicting outcome
Predicting outcome of TENS in chronic pain: A prospective, randomized, placebo controlled trial, **136**, 11
Pregabalin
Pregabalin in patients with central neuropathic pain: A randomized, double-blind, placebo-controlled trial of a flexible-dose regimen, **136**, 150
Pregabalin
Fibromyalgia relapse evaluation and efficacy for durability of meaningful relief (FREEDOM): A 6-month, double-blind, placebo-controlled trial with pregabalin, **136**, 419
Prognosis
Evidence for a biopsychosocial influence on shoulder pain: Pain catastrophizing and catechol-*O*-methyltransferase (COMT) diplotype predict clinical pain ratings, **136**, 53
Prospective cohort
Illness perceptions of low back pain patients in primary care: What are they, do they change and are they associated with outcome?, **136**, 177
Psychometrics
A pain assessment scale for population-based studies: Development and validation of the Pain Module of the Standard Evaluation Questionnaire, **136**, 62
Psychophysics
Empathy hurts: Compassion for another increases both sensory and affective components of pain perception, **136**, 168
Psychosocial
Hypnosis in the management of persistent idiopathic orofacial pain – Clinical and psychosocial findings, **136**, 44
QST
Determinants of endogenous analgesia magnitude in a diffuse noxious inhibitory control (DNIC) paradigm: Do conditioning stimulus painfulness, gender and personality variables matter?, **136**, 142
Quality assurance
Postoperative Analgesic THerapy Observational Survey (PATHOS): A practice pattern study in 7 Central/Southern European countries, **136**, 134
Quality of life
Pregabalin in patients with central neuropathic pain: A randomized, double-blind, placebo-controlled trial of a flexible-dose regimen, **136**, 150
Questionnaire
A pain assessment scale for population-based studies: Development and validation of the Pain Module of the Standard Evaluation Questionnaire, **136**, 62
Questionnaire
Postoperative Analgesic THerapy Observational Survey (PATHOS): A practice pattern study in 7 Central/Southern European countries, **136**, 134
Race and ethnicity
Socioeconomic disadvantage and pain, **136**, 235
Randall Selitto
Differential effects of morphine on the affective and the sensory component of carrageenan-induced nociception in the rat, **136**, 373

Randomized clinical trial
Efficacy and safety of duloxetine for treatment of fibromyalgia in patients with or without major depressive disorder: Results from a 6-month, randomized, double-blind, placebo-controlled, fixed-dose trial, **136**, 432
Randomized controlled trial
Evaluating the efficacy of graded *in vivo* exposure for the treatment of fear in patients with chronic back pain: A randomized controlled clinical trial, **136**, 271
Raphe magnus
Descending facilitatory pathways from the RVM initiate and maintain bilateral hyperalgesia after muscle insult, **136**, 331
Recurrent abdominal pain
Effects of stress on pain threshold and tolerance in children with recurrent abdominal pain, **136**, 38
Recurrent abdominal pain
Cortical correlates of an attentional bias to painful and innocuous somatic stimuli in children with recurrent abdominal pain, **136**, 397
Regional anaesthesia
Postoperative Analgesic THerapy Observational Survey (PATHOS): A practice pattern study in 7 Central/Southern European countries, **136**, 134
Risk factors
Population-based cohort study of incident and persistent arm pain: Role of mental health, self-rated health and health beliefs, **136**, 30
Rostral ventromedial medulla
Inflammation-induced changes in rostral ventromedial medulla mu and kappa opioid receptor mediated antinociception, **136**, 320
Sadness
Self-rated pain and perceived health in relation to stress and physical activity among school-students: A 3-year follow-up, **136**, 239
Sciatic nerve anatomy
Species and strain differences in rodent sciatic nerve anatomy: Implications for studies of neuropathic pain, **136**, 188
Self-efficacy
Arthritis self-efficacy and self-efficacy for resisting eating: Relationships to pain, disability, and eating behavior in overweight and obese individuals with osteoarthritic knee pain, **136**, 340
Self-report
Social desirability response bias and self-report of psychological distress in pediatric chronic pain patients, **136**, 366
Sex differences
Analysis of nociception, sex and peripheral nerve innervation in the TMEV animal model of multiple sclerosis, **136**, 293
Shoulder surgery
Evidence for a biopsychosocial influence on shoulder pain: Pain catastrophizing and catechol-*O*-methyltransferase (COMT) diplotype predict clinical pain ratings, **136**, 53
Single nucleotide polymorphism
Evidence for a biopsychosocial influence on shoulder pain: Pain catastrophizing and catechol-*O*-methyltransferase (COMT) diplotype predict clinical pain ratings, **136**, 53
Skin blood flow
Pharmacological blockade of the vanilloid receptor TRPV1 elicits marked hyperthermia in humans, **136**, 202
Skin conductance
Emotional control of nociceptive reactions (ECON): Do affective valence and arousal play a role?, **136**, 250
Sleep quality
Hypnosis in the management of persistent idiopathic orofacial pain – Clinical and psychosocial findings, **136**, 44
Social desirability
Social desirability response bias and self-report of psychological distress in pediatric chronic pain patients, **136**, 366
Socioeconomic status
Socioeconomic disadvantage and pain, **136**, 235
Somatosensory evoked potentials
Diffuse noxious inhibitory controls triggered by heterotopic CO_2 laser conditioning stimulation decreased the SEP amplitudes induced by electrical tooth stimulation with different intensity at an equally inhibitory rate, **136**, 356
Somatosensory system
Abnormal processing of the nociceptive input in Parkinson's disease: A study with CO_2 laser evoked potentials, **136**, 117
Somatosensory-evoked potentials
Cortical correlates of an attentional bias to painful and innocuous somatic stimuli in children with recurrent abdominal pain, **136**, 397
Spinal cord
Enhanced LTP of primary afferent neurotransmission in AMPA receptor GluR2-deficient mice, **136**, 158
Spinal cord
Brain derived nerve growth factor induces spinal noradrenergic fiber sprouting and enhances clonidine analgesia following nerve injury in rats, **136**, 348
Spinal nerve Ligation
Species and strain differences in rodent sciatic nerve anatomy: Implications for studies of neuropathic pain, **136**, 188
Spinal reflexes
Selective inhibition from the anterior hypothalamus of C- versus A-fibre mediated spinal nociception, **136**, 305
Stress reactivity
Effects of stress on pain threshold and tolerance in children with recurrent abdominal pain, **136**, 38
Systematic review
Doctors' attitudes and beliefs regarding acute low back pain management: A systematic review, **136**, 388
Test stimulus intensities
Diffuse noxious inhibitory controls triggered by heterotopic CO_2 laser conditioning stimulation decreased the SEP amplitudes induced by electrical tooth stimulation with different intensity at an equally inhibitory rate, **136**, 356
Thermal hyperalgesia
Analysis of nociception, sex and peripheral nerve innervation in the TMEV animal model of multiple sclerosis, **136**, 293
Thermal pain
Quantification of pain-induced changes in cerebral blood flow by perfusion MRI, **136**, 85
Thermogenesis
Pharmacological blockade of the vanilloid receptor TRPV1 elicits marked hyperthermia in humans, **136**, 202
Tiredness
Self-rated pain and perceived health in relation to stress and physical activity among school-students: A 3-year follow-up, **136**, 239
TMEV
Analysis of nociception, sex and peripheral nerve innervation in the TMEV animal model of multiple sclerosis, **136**, 293
Transcutaneous electrical nerve stimulation
Predicting outcome of TENS in chronic pain: A prospective, randomized, placebo controlled trial, **136**, 11
Treatment
Fibromyalgia relapse evaluation and efficacy for durability of meaningful relief (FREEDOM): A 6-month, double-blind, placebo-controlled trial with pregabalin, **136**, 419
TRPV1
Pharmacological blockade of the vanilloid receptor TRPV1 elicits marked hyperthermia in humans, **136**, 202
Twins
Individual differences in pain sensitivity: Genetic and environmental contributions, **136**, 21

Upper limb pain
Population-based cohort study of incident and persistent arm pain: Role of mental health, self-rated health and health beliefs, **136**, 30
Validation
A pain assessment scale for population-based studies: Development and validation of the Pain Module of the Standard Evaluation Questionnaire, **136**, 62
Visual analogue scale
Construct validity of a multidimensional electronic pain diary for adolescents with arthritis, **136**, 281
Waiting times
A systematic review of the effect of waiting for treatment for chronic pain, **136**, 97

Pain 136 (2008) 459–461

PAIN

www.elsevier.com/locate/pain

Contents to Volume 136 (2008)

Numbers 1–2 – May 2008

EDITORIALS

Changing patient perceptions of their illness: Can they contribute to an improved outcome for episodes of musculoskeletal pain?
G.J. Macfarlane (UK) 1

On the thermoregulatory perils of TRPV1 antagonism
M.J. Caterina (USA) 3

Placebo analgesia and nocebo hyperalgesia – Two sides of the same coin?
P. Petrovic (Sweden) 5

TOPICAL REVIEW

Substance P receptor-expressing dorsal horn neurons: Lessons from the targeted cytotoxin, substance P-saporin
R.G. Wiley (USA) 7

RESEARCH PAPERS

Predicting outcome of TENS in chronic pain: A prospective, randomized, placebo controlled trial
J. Oosterhof, H.J.A. Samwel, T.M. de Boo, O.H.G. Wilder-Smith, R.A.B. Oostendorp, B.J.P. Crul (The Netherlands) 11

Individual differences in pain sensitivity: Genetic and environmental contributions
C.S. Nielsen, A. Stubhaug, D.D. Price, O. Vassend, N. Czajkowski, J.R. Harris (Norway, USA) 21

Population-based cohort study of incident and persistent arm pain: Role of mental health, self-rated health and health beliefs
K.T. Palmer, I. Reading, C. Linaker, M. Calnan, D. Coggon (UK) 30

Effects of stress on pain threshold and tolerance in children with recurrent abdominal pain
L.M. Dufton, B. Konik, R. Colletti, C. Stanger, M. Boyer, S. Morrow, B.E. Compas (USA) 38

Hypnosis in the management of persistent idiopathic orofacial pain – Clinical and psychosocial findings
R. Abrahamsen, L. Baad-Hansen, P. Svensson (Denmark) 44

Evidence for a biopsychosocial influence on shoulder pain: Pain catastrophizing and catechol-*O*-methyltransferase (COMT) diplotype predict clinical pain ratings
S.Z. George, M.R. Wallace, T.W. Wright, M.W. Moser, W.H. Greenfield III, B.K. Sack, D.M. Herbstman, R.B. Fillingim (USA) 53

A pain assessment scale for population-based studies: Development and validation of the Pain Module of the Standard Evaluation Questionnaire
U. Müller, K. Tänzler, A. Bürger, L. Staub, Ö. Tamcan, C. Roeder, P. Jüni, S. Trelle (Switzerland) 62

Movement-evoked hyperalgesia induced by lipopolysaccharides is not suppressed by glucocorticoids
K.J. Kovács, J.C. Papic, A.A. Larson (USA) 75

Quantification of pain-induced changes in cerebral blood flow by perfusion MRI
D.G. Owen, Y. Bureau, A.W. Thomas, F.S. Prato, K.S. St. Lawrence (Canada) 85

A systematic review of the effect of waiting for treatment for chronic pain
M.E. Lynch, F. Campbell, A.J. Clark, M.J. Dunbar, D. Goldstein, P. Peng, J. Stinson, H. Tupper (Canada) 97

Abnormal processing of the nociceptive input in Parkinson's disease: A study with CO_2 laser evoked potentials
M. Tinazzi, C. Del Vesco, G. Defazio, E. Fincati, N. Smania, G. Moretto, A. Fiaschi, D. Le Pera, M. Valeriani (Italy) 117

The role of neurotrophic factors in genesis and maintenance of mechanical hypernociception after brachial plexus avulsion in mice
N.L.M. Quintão, A.R.S. Santos, M.M. Campos, J.B. Calixto (Brazil) 125

Postoperative Analgesic THerapy Observational Survey (PATHOS): A practice pattern study in 7 Central/Southern European countries
D. Benhamou, M. Berti, G. Brodner, J. De Andres, G. Draisci, M. Moreno-Azcoita, E.A.M. Neugebauer, W. Schwenk, L.M. Torres, E. Viel (France, Italy, Germany, Spain) 134

Determinants of endogenous analgesia magnitude in a diffuse noxious inhibitory control (DNIC) paradigm: Do conditioning stimulus painfulness, gender and personality variables matter?
M. Granot, I. Weissman-Fogel, Y. Crispel, D. Pud, Y. Granovsky, E. Sprecher, D. Yarnitsky (Israel) 142

Pregabalin in patients with central neuropathic pain: A randomized, double-blind, placebo-controlled trial of a flexible-dose regimen
J.H. Vranken, M.G.W. Dijkgraaf, M.R. Kruis, M.H. van der Vegt, M.W. Hollmann, M. Heesen (The Netherlands, Germany) 150

Enhanced LTP of primary afferent neurotransmission in AMPA receptor GluR2-deficient mice
D.-h. Youn, G. Royle, M. Kolaj, B. Vissel, M. Randić (USA, Republic of Korea, Australia, New Zealand, Canada) 158

doi:10.1016/S0304-3959(08)00226-1

Empathy hurts: Compassion for another increases both sensory and affective components of pain perception
M.L. Loggia, J.S. Mogil, M.C. Bushnell (Canada) 168
Illness perceptions of low back pain patients in primary care: What are they, do they change and are they associated with outcome?
N.E. Foster, A. Bishop, E. Thomas, C. Main, R. Horne, J. Weinman, E. Hay (UK) 177
Species and strain differences in rodent sciatic nerve anatomy: Implications for studies of neuropathic pain
M. Rigaud, G. Gemes, M.-E. Barabas, D.I. Chernoff, S.E. Abram, C.L. Stucky, Q.H. Hogan (United States, Austria) 188
Pharmacological blockade of the vanilloid receptor TRPV1 elicits marked hyperthermia in humans
N.R. Gavva, J.J.S. Treanor, A. Garami, L. Fang, S. Surapaneni, A. Akrami, F. Alvarez, A. Bak, M. Darling, A. Gore, G.R. Jang, J.P. Kesslak, L. Ni, M.H. Norman, G. Palluconi, M.J. Rose, M. Salfi, E. Tan, A.A. Romanovsky, C. Banfield, G. Davar (USA) 202
The role of learning in nocebo and placebo effects
L. Colloca, M. Sigaudo, F. Benedetti (Italy) 211

LETTERS TO THE EDITOR

A review of the evidence against the "first come first served" hypothesis. Comment on Truini et al. [Pain 2007;131:343–7]
A. Mouraux, G.D. Iannetti (United Kingdom) 219
Clarifying methods of Truini et al. [Pain 2007;131:343–7] and proposing further evidence supporting the "first come first served" hypothesis: A reply to Mouraux and Iannetti
A. Truini, F. Galeotti, G. Cruccu, L. Garcia-Larrea (Italy, France) 221
Vestibular remapping of the central body schema – A shocking story of pain reduction
A.G. Gordon (United Kingdom) 223

Number 3 – 15 June 2008

EDITORIALS

Not so fast: The reformulation of fentanyl and breakthrough chronic non-cancer pain
J.D. Markman (USA) 227
Acupuncture and the CNS: What can the brain at rest suggest?
D.A. Seminowicz (Canada) 230
Long-term trials of pregabalin and duloxetine for fibromyalgia symptoms: How study designs can affect placebo factors
R. Staud, D.D. Price (USA) 232

TOPICAL REVIEW

Socioeconomic disadvantage and pain
E.L. Poleshuck, C.R. Green (USA) 235

RESEARCH PAPERS

Self-rated pain and perceived health in relation to stress and physical activity among school-students: A 3-year follow-up
G.B. Sundblad, A. Jansson, T. Saartok, P. Renström, L.-M. Engström (Sweden) 239
Emotional control of nociceptive reactions (ECON): Do affective valence and arousal play a role?
J.L. Rhudy, A.E. Williams, K.M. McCabe, J.L. Russell, L.J. Maynard (USA) 250
Supra-additive effects of tramadol and acetaminophen in a human pain model
J. Filitz, H. Ihmsen, W. Günther, A. Tröster, H. Schwilden, J. Schüttler, W. Koppert (Germany) 262
Evaluating the efficacy of graded *in vivo* exposure for the treatment of fear in patients with chronic back pain: A randomized controlled clinical trial
M.P. Woods, G.J.G. Asmundson (Canada) 271
Construct validity of a multidimensional electronic pain diary for adolescents with arthritis
J.N. Stinson, B.J. Stevens, B.M. Feldman, D. Streiner, P.J. McGrath, A. Dupuis, N. Gill, G.C. Petroz (Canada) 281
Analysis of nociception, sex and peripheral nerve innervation in the TMEV animal model of multiple sclerosis
J.L. Lynch, N.J. Gallus, M.E. Ericson, A.J. Beitz (USA) 293
Selective inhibition from the anterior hypothalamus of C- versus A-fibre mediated spinal nociception
D.A.A. Simpson, P.M. Headley, B.M. Lumb (UK) 305
Genetic analysis of neuropathic pain-like behavior following peripheral nerve injury suggests a role of the major histocompatibility complex in development of allodynia
C.A. Dominguez, O. Lidman, J.-X. Hao, M. Diez, J. Tuncel, T. Olsson, Z. Wiesenfeld-Hallin, F. Piehl, X.-J. Xu (Sweden) 313
Inflammation-induced changes in rostral ventromedial medulla mu and kappa opioid receptor mediated antinociception
R.J.-F. Schepers, J.L. Mahoney, T.S. Shippenberg (USA) 320
Descending facilitatory pathways from the RVM initiate and maintain bilateral hyperalgesia after muscle insult
D.V. Tillu, G.F. Gebhart, K.A. Sluka (USA) 331
Arthritis self-efficacy and self-efficacy for resisting eating: Relationships to pain, disability, and eating behavior in overweight and obese individuals with osteoarthritic knee pain
J.J. Pells, R.A. Shelby, F.J. Keefe, K.E. Dixon, J.A. Blumenthal, L. LaCaille, J.M. Tucker, D. Schmitt, D.S. Caldwell, V.B. Kraus (USA) 340
Brain derived nerve growth factor induces spinal noradrenergic fiber sprouting and enhances clonidine analgesia following nerve injury in rats
K.-i. Hayashida, B.A. Clayton, J.E. Johnson, J.C. Eisenach (USA) 348

Diffuse noxious inhibitory controls triggered by heterotopic CO_2 laser conditioning stimulation decreased the SEP amplitudes induced by electrical tooth stimulation with different intensity at an equally inhibitory rate
Y. Oono, K. Fujii, K. Motohashi, M. Umino (Japan) 356
Social desirability response bias and self-report of psychological distress in pediatric chronic pain patients
D.E. Logan, R.L. Claar, L. Scharff (USA) 366
Differential effects of morphine on the affective and the sensory component of carrageenan-induced nociception in the rat
E.L. van der Kam, J. De Vry, K. Schiene, T.M. Tzschentke (Germany) 373
Prevalence of chronic pain with neuropathic characteristics in the general population
D. Bouhassira, M. Lantéri-Minet, N. Attal, B. Laurent, C. Touboul (France) 380
Doctors' attitudes and beliefs regarding acute low back pain management: A systematic review
B.M. Fullen, G.D. Baxter, B.G.G. O'Donovan, C. Doody, L. Daly, D.A. Hurley (Ireland, New Zealand) 388
Cortical correlates of an attentional bias to painful and innocuous somatic stimuli in children with recurrent abdominal pain
C. Hermann, K. Zohsel, J. Hohmeister, H. Flor (Germany) 397
Acupuncture modulates resting state connectivity in default and sensorimotor brain networks
R.P. Dhond, C. Yeh, K. Park, N. Kettner, V. Napadow (USA, Republic of Korea) 407
Fibromyalgia relapse evaluation and efficacy for durability of meaningful relief (FREEDOM): A 6-month, double-blind, placebo-controlled trial with pregabalin
L.J. Crofford, P.J. Mease, S.L. Simpson, J.P. Young Jr., S.A. Martin, G.M. Haig, U. Sharma (USA) 419
Efficacy and safety of duloxetine for treatment of fibromyalgia in patients with or without major depressive disorder: Results from a 6-month, randomized, double-blind, placebo-controlled, fixed-dose trial
I.J. Russell, P.J. Mease, T.R. Smith, D.K. Kajdasz, M.M. Wohlreich, M.J. Detke, D.J. Walker, A.S. Chappell, L.M. Arnold (USA) 432

LETTERS TO THE EDITOR

Alternatively spliced human catechol-*O*-methyltransferase (*COMT*) rationalizes lack of Val158Met effects on pain tolerance
P.G. Sand, G. Korte, M. Domani, N. Konstandin, A. Karl, K. Wagner, M. Dinnbier (Germany) 445
Authors' response to "Alternatively spliced human catechol-*O*-methyltransferase (COMT) rationalizes lack of Val158Met effects on pain tolerance"
D. Prawitt, F. Birklein (Germany) 446
Patient compliance with neuropathic pain treatment
S. Giannopoulos, M. Kosmidou, A.P. Kyritsis (Greece) 447

Author Index to Volume 136 448
Subject Index to Volume 136 452
Contents to Volume 136 459